

ORIGINAL

OPEN MEETING AGENDA ITEM

Katherine Nutt

E-01345A-10-0219

From: Michael L. Green [migreen@pvschools.net]
Sent: Monday, January 10, 2011 7:20 AM
To: Kennedy-Web
Subject: Fwd: Info
Attachments: APS ACC Letter 1.5.11.doc; HACI letter 1.5.11.doc; US Energy Letter 1.5.11.doc.pdf; 01-05-11 APS Letter.pdf



Good morning,

Ms. Sandra Kennedy,

Please see my attached letter to Docket E-01345A-10-0219;

]Since the environmental issues continue to raise, the whole idea of going green has caught up with the times and the corporate world has responded well to the initiative to make the world a better and long lasting place.

But as one should expect, the shift in stance is not because the AZ School Districts have a change of heart, it is having enough money to spend to make our buildings efficient as we can.

Going green is actually a profitable business direction for AZ School District because the ACC can help with raising incentives for APS to increase their Business Partners programs for us.

Thank you,

Arizona Corporation Commission

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DOCKETED BY	
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Michael L. Green
Director of Maintenance and Operations
Paradise Valley Unified School District No. 69
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To: The Arizona Corporation Commission

From: Michael Green, Director of Maintenance & Operations, Paradise Valley Unified School District

Date: January 10, 2011

Docket E-01345A-10-0219

APPROVAL OF THE 2011 DEMAND SIDE MANAGEMENT NON-RESIDENTIAL IMPLEMENTATION PLAN FOR 2011

Paradise Valley Unified School District appreciates the chance to address the Arizona Corporation Commission with regard to the APS Demand Side Management Non-Residential Implementation Plan for 2011.

Paradise Valley Unified School District and its partners, Johnston Engineering Company, Urban Energy, HACI, LLC and US Energy Services, Inc. fully supports energy efficiency in the District. The District has been apart of a long standing relationship with the APS Solutions for Business program. This program has been essential to achieving energy efficiency in our facilities.

The District has contracted with US Energy Services & Johnston Engineering Company to design and implement lighting retrofit throughout the older schools. Outdated HID fixtures in the gymnasium and multipurpose room were replaced with state-of-the-art T5 & T8 HO fluorescent fixtures with lens covers and cages. The new fixtures provide instant on and off, which eliminates warm-up time, and dramatically increased light levels. US Energy Services also installed occupancy sensors in the classrooms and offices, resulting in significantly lower energy usage.

Another component of the energy solution was an HVAC retrofit. Johnston Engineering Company, engineered many projects with the District's EMS standards. HACI plus Urban Energy teamed up to install new EMS systems, which established optimal run times for the staging of compressors and occupancy loads. By reducing overall equipment runtime, the new EMS systems will increased efficiency and reduced energy costs.

PVUSD is in full support of APS' customer cap being raised from \$300,000 to \$1,000,0000. We are anticipating using the Solutions for Business program in the coming years and we are relying on incentives that exceed \$300,000; therefore, we are relying on additional APS incentive funding to achieve our energy efficiency goals.

Examples; day light shredding, exterior lighting and controls, more light retrofits & EMS systems.

Increasing the incentive cap, will give us the ability to leverage those funds to achieve more energy efficiency projects and lower our overall utility bills.

Thank you again for the opportunity to address this issue.

Sincerely,

Michael Green

Director of Maintenance & Operations, Paradise Valley School District

migreen@pvschools.net

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Paradise Valley
Unified School District

Cultivating world-class thinkers



Date: 01-05-2011
Customer: Paradise Valley Unified School District
Contact: Michael Green; Director of Maintenance and Operations
Address:
City, State: Paradise Valley, AZ

Re: APS Annual Rebate Caps

To: Whom It May Concern;

HACI Service, LLC has been involved in several different energy conservation retrofit projects with the Paradise Valley unified School District, as well several other clients serving the APS service area. We have been a part of the overwhelming results when installing newer energy efficient equipment that has replaced the out dated equipment. These results have shown an excellent cost savings for each district in all aspects of Mechanical, lighting, smart control systems, and energy management.

HACI has seen several times the impact of the cap that is imposed on every client; each client plans their work around the rebate programs, as this is where they show the cost savings every year in order to stay within budget, and not have to lay off employees. Each year it is becoming more and more difficult for the clients to complete the proper energy upgrade retrofit project due to ever growing energy costs, which will continue to increase over the next 10 years.

It is the recommendation of HACI Service, LLC that the cap be raised so each client can be able to complete the needed energy conservation projects, as well as every investment in conserving energy, and the long term financial obligations is guaranteed.

Regards,

Mike Bocook

Mike Bocook
Project Manager
HACI Service, LLC
602-722-6004

US Energy

S E R V I C E S , I N C .

Date: January 3, 2011
Customer: Paradise Valley Unified School District
Michael Green; Director of Maintenance and Operations
From: Lou Lagomarsino - President
Regarding: APS Utility Customer Incentive Maximums

To Whom It May Concern;

US Energy Services, Inc provides the installation of high efficiency lighting and control systems to customers in the municipal markets. These customers are usually large multi-site utility customers that have in excess of 1 million square feet of building space.

Often the energy efficiency and conservation measures that are selected by our customers depend on the availability of utility incentives from the local gas, electric and water providers. It is always disappointing when a customer suspends projects or selects a less efficient solution because there is either insufficient incentive funding or that customer has reached the customer maximum.

It seems that it is often the largest customer (the one with the most efficiency potential) that reaches their incentive cap. While the customers that reach their maximum may be small in number, the square footage of facilities affected by this limit is very large. It would make more sense to have an incentive maximum applied to each customer account (meter) or a maximum based on a percentage of the utility bills.

We are very pleased with the relationship that US Energy maintains with all of the Arizona utilities. Our firm was recognized as the APS Trade Ally of the Year in 2009, Our customer reach also makes us very familiar with your customer concerns in the field. I appreciate your evaluation of this matter. If you have any questions, I can be reached at 480-419-1080.

Thanks

Lou Lagomarsino
US Energy Services, Inc.



504 East Southern Avenue
Tempe, AZ 85282

P: 480-282-9501
F: 480-838-9445
www.UrbanEnergyInc.com

Company: Paradise Valley School District No. 69
Attention: Michael L. Green-Director of M&O
Regarding: APS Annual Rebate Caps

To: Whom it May Concern

Urban Energy Solutions has been involved in many energy conservation retrofits with the PVUSD and other clients in the APS service area. We have seen firsthand the dramatic results that can be obtained from the use of newer energy efficient equipment and lighting as well as smarter controls and energy management.

Many times I have seen APS clients who are actively participating in the rebate programs that plan their work around the annual cap and delay good projects for the next year. If energy prices continue to rise and double over the next 5-10 years there will be huge budget shortfalls within these public and private entities forcing them to make cuts or even close their doors.

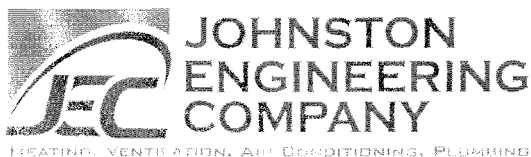
It is Urban Energy's recommendation that the cap is raised so that the investment in conserving energy and sustaining the long term financial viability for these organizations is guaranteed.

Sincerely,

Joe LaRovere, LEED AP

Energy Manager / Division Manager

Urban Energy Solutions, Inc.



January 5, 2011

Subject: Energy Efficiency and PVUSD Energy Upgrades

TO WHOM IT MAY CONCERN:

Johnston Engineering Company has worked closely with Paradise Valley School District (PVUSD) to develop a master plan for managing energy in the District. A District Wide Energy Management Plan was published in October 2008. The Energy Management Plan addressed 50 sites including schools and support facilities. The Plan indicated a priority list for implementing energy efficient measures on school sites, based on existing utilities and existing efficiency at each school site.

The first schools which were modified with energy management / mechanical system upgrades were Greenway Middle School, followed by Shadow Mountain High School. The results were:

ENERGY SAVINGS - GREENWAY MIDDLE SCHOOL, SHADOW MOUNTAIN HIGH SCHOOL				
School	Initial Cost	APS Rebate	First Year Savings	% Utility Savings
Greenway Middle School	\$900,000	\$102,000	\$41,700	36%
Shadow Mountain High School	\$2,000,000	\$385,000	\$186,000	45%
Shea Middle School	\$430,000	\$0**	recently installed	-
District Administrative Center	\$250,000	\$0**	-	-
Quail Run Elementary	50%	\$0	under construction	-

* Could not apply for entire amount, hit the cap. ** Could not apply, hit the cap.

We have plans underway for energy renovations at Pinnacle High School, Explorer Middle School, Sonoran Sky Elementary School and Cactus View Elementary School. There are 40 other Paradise Valley Unified School District sites that need to be addressed. If the APS rebate cap was increased from \$300,000 to \$1,000,000., it would be a great benefit to the school district. This would allow the District to stretch the energy management construction costs further, and more school sites could improve their energy efficiency.

Best regards,

JOHNSTON ENGINEERING COMPANY

Thomas W. Johnston, P.E.
Principal